

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2060 Hastings**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2060 Hastings**

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Left	6.94

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/8/2011 - 3/8/2011			
DWR Inspector	Herman Phillips			
Accompanied By	Mark Boyd RD 2060			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2060 Hastings**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Lindsey Slough						Left	6.94	03/08/2011 03/08/2011	Herman Phillips	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	°	°	10
								°	°	Y
2	0.01	0.03	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.247368 ° -121.696743 °	38.247328 ° -121.697022 °	1
3	0.05	5.05	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	38.247302 ° -121.697218 °	38.263282 ° -121.771118 °	2
4	0.05	5.05	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	38.247322 ° -121.697213 °	38.263282 ° -121.771118 °	3
5	0.46	0.48	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.248420 ° -121.704628 °	38.248465 ° -121.704767 °	4
6	0.56	0.57	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site. Inspector Comments: District has placed some more rock in this area, they will place more later. 3-08,2011 viewed the erosion site, this site is still active. District say that they will make repairs end of April or May 2011.	38.248630 ° -121.706403 °	38.248617 ° -121.706667 °	14
7	2.79	2.82	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.258587 ° -121.737260 °	38.259037 ° -121.737582 °	5
8	5.07	5.07	Earthen Levee	Repair Gates	CR	M		38.263157 ° -121.771543 °	38.263157 ° -121.771543 °	6
9	6.72	6.90	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There is star thistle growing taller than 12" on the land ward shoulder, District said they will mow the slopes.	38.272285 ° -121.794066 °	38.274348 ° -121.795126 °	15

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
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PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.94	03/08/2011 03/08/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

3-08-2011 standing on landside of unit 1 RD 2060 looking downstream at levee.

phillips\_s\_20110314\_193.jpg



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**Flood Control Project Maintenance  
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**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2060 Hastings**

Waterway				Bank	Unit Miles
Unit No. 02 Ulatis Creek				Right	3.70
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	3/8/2011 - 3/8/2011				
DWR Inspector	Herman Phillips				
Accompanied By	Mr. Mark Boyd RD 2060				
	Mark Boyd RD 2060				

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Comments

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Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2060 Hastings**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulati Creek						Right	3.70	03/08/2011 03/08/2011	Herman Phillips

  

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.296651 ° -121.748801 °	38.296651 ° -121.748801 °	3 Y
2	0.00	0.00	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.274841 ° -121.794855 °	38.274841 ° -121.794855 °	10 Y
3	1.41	1.76	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	38.285105 ° -121.783438 °	38.285162 ° -121.777140 °	1
4	1.41	1.76	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	38.285103 ° -121.783438 °	38.285160 ° -121.777140 °	2
5	3.09	3.70	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	38.293722 ° -121.759122 °	38.296478 ° -121.748145 °	4
6	3.09	3.70	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	38.293723 ° -121.759122 °	38.296487 ° -121.748133 °	5
7	3.09	3.70	Earthen Levee	Vegetation	CR	C	Control annual grass and weeds on the levee slopes and easements.	38.296477 ° -121.748143 °	38.296477 ° -121.748145 °	6

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Levee Inspections**

## Levee Inspection Report By Mile - Spring 2011

### Reclamation District No. 2060 Hastings

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.70	03/08/2011 03/08/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

3-08-2011 Unit 2 RD 2060 standing on waterside of levee slope looking downstream. Photo shows minimum growth of grasses on levee slope and crown roadway.

phillips\_s\_20110314\_194.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

3-08-2011 standing on landside of RD 2060 looking downstream. Unit 2

phillips\_s\_20110314\_195.jpg



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**Reclamation District No. 2060 Hastings**

Waterway			Bank	Unit Miles
Unit No. 03 Cache Slough			Right	5.03

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/8/2011 - 3/8/2011			
DWR Inspector	Herman Phillips			
Accompanied By	Mark Boyd RD 2060			

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**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2060 Hastings**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 03 Cache Slough						Right	5.03	03/08/2011 03/08/2011	Herman Phillips	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	W	Control annual grass and weeds on the levee slopes and easements.	°	°	12
								°	°	Y
2	0.04	1.16	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	38.296483 ° -121.748138 °	38.290565 ° -121.730908 °	2
3	0.04	0.56	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	38.296485 ° -121.748137 °	38.291878 ° -121.741010 °	3
4	0.04	1.16	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	38.296482 ° -121.748138 °	38.290563 ° -121.730813 °	1
5	1.56	1.71	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2:1 slope, slumping, clays and silts, 0.27 ft/s [2009 SiteID:CHS_23-6_R]	38.288300 ° -121.724619 °	38.286478 ° -121.723044 °	10 Y
6	1.59	5.02	Earthen Levee	Vegetation	WS	C	Control annual grass and weeds on the levee slopes and easements.	38.287575 ° -121.724585 °	38.247472 ° -121.696282 °	5
7	1.59	5.02	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	38.287575 ° -121.724582 °	38.247473 ° -121.696282 °	4
8	2.19	2.24	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2.5:1 slope, slumping, clays and sands, 1 ft/s [2009 SiteID:CHS_22-8_R]	38.282111 ° -121.716694 °	38.281489 ° -121.716222 °	11 Y
9	3.76	3.76	Earthen Levee	Encroachments	WS	M	Debris	38.264713 ° -121.699262 °	38.264713 ° -121.699262 °	6

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	03/08/2011 03/08/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Photo here shows view of land side looking downstream from levee mile 0.00 of RD 2060 Unit 3. This photo was taken 3-8-2011.

phillips\_s\_20110412\_252.jpg



Levee Mile Report Line	5
Start Levee Mile	1.56
End Levee Mile	1.71
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: no berm, 2:1 slope, slumping, clays and silts, 0.27 ft/s [2009 SiteID:CHS\_23-6\_R]

phillips\_s\_20110228\_159.JPG



Levee Mile Report Line	8
Start Levee Mile	2.19
End Levee Mile	2.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: no berm, 2.5:1 slope, slumping, clays and sands, 1 ft/s [2009 SiteID:CHS\_22-8\_R]

phillips\_s\_20110228\_160.JPG



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